

\*\* GRANT IN PART - DISMISSED IN PART \*\*

S2400 SAT-STA-20111114-00218  
Intelsat License LLC  
INTELSAT 701  
IB2011004892

Date & Time Filed: Nov 14 2011 5:26:48:193PM  
File Number: SAT-STA-20111114-00218  
Callsign:

File # SAT-STA-20111114-00218  
Call Sign S2400 Grant Date 11/22/11  
(or other identifier) Term Dates period of  
From 11/23/11 To: 30 days

Approved by OMB  
3060-0678



Approved: *Stephen J. Duall*  
Stephen J. Duall  
Chief, Satellite Policy Branch

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
Request for Special Temporary Authority to Drift and Operate Intelsat 701, Call Sign S2400

I. Applicant


<b>Name:</b>	Intelsat License LLC	<b>Phone Number:</b>	202-944-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	c/o Intelsat Corporation 3400 International Drive, N.W.	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>	Susan H Crandall		

**Attachment to Grant**  
**IBFS File No. SAT-STA-20111114-00218**  
**Call Sign S2400**

The request of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-SAT-STA-20111114-00218, is granted in part and dismissed in part. Accordingly, Intelsat is authorized, for a period of 30 days commencing on November 23, 2011, to conduct Telemetry, Tracking, and Command (TT&C) operations with the Intelsat 701 space station (Call Sign 2400) necessary to drift the Intelsat 701 space station from its current location at 180.0° E.L. to the 72.1° E.L. orbital location, using the following frequencies: 6173.7 MHz and 6176.3 MHz (left-hand circular polarization/Earth-to-space), and 3947.5 MHz, 3948.0 MHz, 3952.5 MHz, and 3952.0 MHz (right-hand circular polarization/space-to-Earth).<sup>1</sup> This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, Federal Communication Commission (Commission) rules, and the following conditions:

1. All operations during Intelsat 701's drift between the 180.0° E.L. and 72.1° E.L. E.L. orbital locations shall be on an unprotected and non-harmful interference basis, *i.e.*, the Intelsat 701 space station shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, Intelsat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
2. During the drift between the 180.0° E.L. and 72.1° E.L. orbital locations, Intelsat may not operate Intelsat 701's communications payload.
3. Intelsat shall maintain full operational control of the Intelsat 701 space station at all times.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.
5. This grant of special temporary authority is without prejudice (1) to any decision with respect to any replacement expectancy at the 72.1° E.L. orbital location, or (2) any action on the Petition for Specific Authority Under Section 25.161(c) filed by PanAmSat Licensee Corp. on April 5, 2010, to retain authority to use C- and Ku-band frequencies at the nominal 72° E.L. orbital location.
6. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

\*\* GRANT IN PART - DISMISSED IN PART

 <b>GRANTED*</b> International Bureau *see conditions	<b>File #</b> <u>SAT-STA-20111114-00218</u>
	<b>Call Sign</b> <u>S2400</u> <b>Grant Date</b> <u>11/22/11</u> (or other identifier)
	<b>Term Dates</b> period of <b>From</b> <u>11/23/11</u> <b>To:</b> <u>30 days</u>
	<b>Approved:</b> <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

<sup>1</sup> In its application, Intelsat also requested authority to provide fixed-satellite service via Intelsat 701 in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 10.95-11.2 GHz (space-to-Earth), 11.45-11.70 GHz (space-to-Earth), 12.5-12.75 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands at the completion of Intelsat 701's drift to the 72.1° E.L. orbital location. Because Intelsat states in its application that Intelsat 701 will not arrive at 72.1° E.L. until early April of 2012, its request for authority to operate Intelsat 701 temporarily at 72.1° E.L. is outside the term of this 30-day STA grant. Thus, we dismiss the request for temporary operating authority at 72.1° E.L. without prejudice to re-filing as part of a future application.

<b>2. Contact</b>			
<b>Name:</b>	Susan H Crandall	<b>Phone Number:</b>	202-944-7848
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	3400 International Drive, N.W.	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>	Susan H Crandall	<b>Relationship:</b>	Legal Counsel
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)			
3. Reference File Number or Submission ID			
4a. Is a fee submitted with this application?			
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).			
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee			
<input type="radio"/> Other (please explain):			
4b. Fee Classification <input type="radio"/> CRY - Space Station (Geostationary)			
5. Type Request			
<input checked="" type="radio"/> Change Station Location		<input type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location		7. Requested Extended Expiration Date	

8. Description (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Intelsat License LLC herein requests Special Temporary Authority for 30 days, commencing November 23, 2011, to drift Intelsat 701 (call sign S2400) from 180.0 E.L. to 72.1 E.L. and to operate at 72.1 E.L. in the C- and Ku-bands.

9. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; party to the application; for these purposes.

Yes  No

10. Name of Person Signing  
Susan H. Crandall

11. Title of Person Signing  
Asst. General Counsel, Intelsat Corporation

12. Please supply any need attachments.

Attachment 1: STA Request

Attachment 2:

Attachment 3:

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT  
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION  
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**



November 14, 2011

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554



Re: Request for Special Temporary Authority to Drift and Operate Intelsat  
701  
Call Sign S2400

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests Special Temporary Authority ("STA")<sup>1</sup> for 30 days, commencing November 23, 2011, to drift Intelsat 701 (call sign S2400) from 180.0° E.L. to 72.1° E.L. and to operate at 72.1° E.L. in the C- and Ku-bands. Intelsat seeks expedited treatment of this STA request for the reasons set forth below.

Intelsat 701 is currently operating at 180.0° E.L.<sup>2</sup> Following receipt of FCC approval, Intelsat 701 will be relocated to 72.1° E.L. to provide capacity to customers, including a U.S. Government customer, currently on Intelsat 709 in the event of a launch delay of Intelsat 22. Intelsat 701 is expected to be on-station at 72.1° E.L. in early April 2012 and is expected to operate there until Intelsat 22 commences service, after which it will be redeployed.<sup>3</sup> During the drift of Intelsat 701 from 180.0° E.L. to 72.1° E.L., Intelsat will operate only the satellite's TT&C frequencies and will coordinate the drift with potentially affected operators.

The specific TT&C frequencies are as follows:

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159 and an \$860.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> See *Applications of Intelsat LLC for Authority to Operate, and to Further Construct, Launch, and Operate C-band and Ku-band Satellites that Form a Global Communications System in Geostationary Orbit*, Memorandum Opinion Order and Authorization, 15 FCC Rcd 15460 (2000), recon. denied, 15 FCC Rcd 25234 (2000).

<sup>3</sup> Intelsat 22 currently is expected to launch in the first quarter of 2012. See *Intelsat License LLC Application for Authority to Launch and Operate Intelsat 22, a Replacement Satellite With New Frequencies, at 72.1° E.L.*, File No. SAT-LOA-20110929-00193 (filed Sept. 29, 2011).

Ms. Marlene H. Dortch  
November 14, 2011  
Page 2

Uplink:

6173.7 MHz (LHCP)  
6176.3 MHz (LHCP)

Downlink:

3947.5 MHz (RHCP)  
3948.0 MHz (RHCP)  
3952.5 MHz (RHCP)  
3952.0 MHz (RHCP)

The communications frequencies are as follows:

Uplink:

5925 – 6425 MHz  
14000 – 14500 MHz

Downlink:

3700 – 4200 MHz  
10950 – 11200 MHz  
11450 – 11700 MHz  
11700 – 11950 MHz  
12500 – 12750 GHz

Grant of this STA request is in the public interest because it will allow Intelsat to ensure continuity of service to customers, including a U.S. Government customer, currently on Intelsat 709 that will not be able to tolerate the degree of inclination of that satellite should the Intelsat 22 launch be delayed. Should there be a launch delay, these customers will be transferred from Intelsat 709 to Intelsat 701 until Intelsat 22 is available.

Grant of this STA request will not result in increased risk of harmful interference. Intelsat will operate Intelsat 701 at 72.10° E.L. in accordance with Intelsat's coordination agreements related to the location.

Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collision with large debris or other operational space stations. Except for Intelsat 709, Intelsat 701 will not be located at the

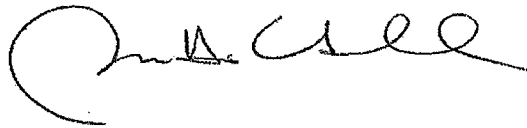
Ms. Marlene H. Dortch  
November 14, 2011  
Page 3

same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite. Further, Intelsat is not aware of any other FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with Intelsat 701 at 72.1° E.L. Finally, except for Intelsat 709, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 701 at 72.1° E.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

Intelsat requests that the Part 25 waivers originally granted to the Intelsat 701 spacecraft continue to apply at the 72.1° E.L. location, namely, the waivers of Sections 25.140(b)(2), 25.202(g), 25.210(a)(1), 25.210(a)(3), 25.210(i) and 25.211(a) of the Commission's rules.<sup>4</sup>

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this request.

Sincerely,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Stephen Duall  
Jay Whaley

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<sup>4</sup> See *supra* n.2.